

PIETEC XL+

Technical Sheet

Physical Characteristics			
Analysis Method	Parameter	Specification	Tolerance
Measurements	Lenght	Nominal value $\pm 0,5$ mm	NQA 2,5
	Diameter	Nominal value $\pm 0,3$ mm	NQA 2,5
	Chamfer	Nominal value $\pm 0,5$ mm	NQA 2,5
Aqua Boy (KOM IV)	Humidity	5%	$\pm 2\%$
Calculation	Specific Weight	275 ± 25 Kg/m ³	NQA 2,5
Torsion	Shear Stress	≥ 7 daN/cm ²	0%
	Angle	$\geq 30^\circ$	0%
	Momentum	≥ 40 daN.cm	0%
Compression at 16 mm	Dimensional Recovery (1 min)	$\geq 92\%$	NQA 2,5
Test in calibrated acrylic tubes (2,5 hours)	Liquid Seal Capability	100% > 2,5 bar	
By agitation and filtering	Residual Solids	$\leq 1,5$ mg/cork stopper	
Boiling	Resistance to boiling water	Absence of disaggregation	

Aromatic Characteristics			
Analysis Method	Parameter	Specification	Tolerance
Individual maceration of cork stoppers in distilled water	Sensory	Neutral	
Maceration in 12% hydroalcoholic solution*	2,4,6 - TCA (ng/L)	$\leq 0,8$ ng/L	NQA 1,5

Microbiological Characteristics			
Analysis Method	Parameter	Specification	Tolerance
ISO 10718:2002 Standard	Microorganisms Counting (CFU/ cork stopper)	Yeast < 10 Bacteria < 10	

*Analyses performed on the micro granulated part.

In compliance with the requirements of the regulation in force regarding materials and objects designated to contact with food products, in particular with European Regulation 1935/2004 from 27 October 2004 (modified by European Regulation 596-2009 from 18 June 2009) and 2023/2006 from 22 December 2006, and Decree-Law 378/2007.